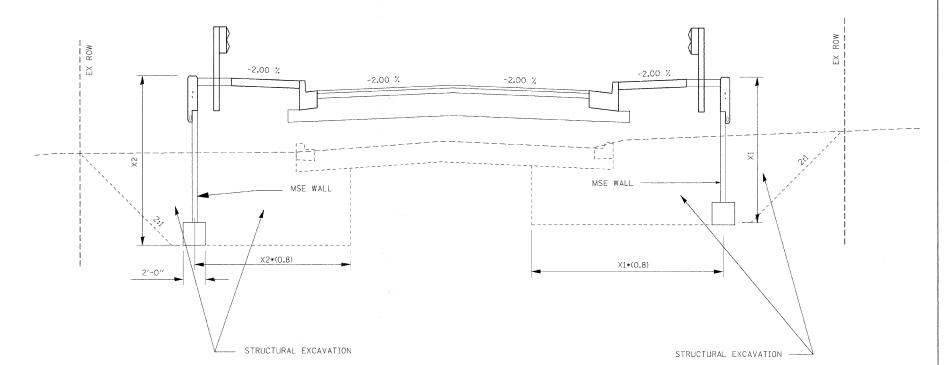
F.A. RTE.	SECTION		COUNTY			TOTAL SHEETS	SHEET NO.	
N/A	03-00251-00-BR		KANE		72	61		
STA.	STA. N.A. TO STA. N.A.							
FED. RO	FED. ROAD DIST. NO. I		ILLINOIS FED. AID		PROJECT			
PROJE	PROJECT NO. BROS-D001(641) CONTRACT NO. 63080							

EARTHWORK GENERAL NOTES

- 1. ALL EARTHWORK QUANTITIES ARE CALCULATED BY THE METHOD OF AVERAGE END AREAS USING THE PLAN CROSS SECTIONS. SHRINKAGE FACTOR, ASSUMED TO BE 15% FOR THIS PROJECT, ARE ESTIMATED FOR THE SOLE PURPOSE OF DETERMINING A BALANCE OF EARTHWORK. THE CONTRACTOR SHALL ESTIMATE HIS OWN SHRINKAGE FACTORS IN DETERMINING HIS EARTHWORK, NO PAYMENT WILL BE MADE ON EARTHWORK QUANTITIES DUE TO VARIATION IN THE SHRINKAGE FACTOR SINCE EARTHWORK IS MEASURED IN ITS FINAL POSITION.
- 2. TOPSOIL STRIPPING WILL BE MEASURED FOR PAYMENT AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.
- 3. AN SURPLUS MATERIAL SHALL BE HAULED OFF SITE, REGARDLESS OF THE TYPE OF MATERIAL. COST OF DISPOSING THE EXCESS MATERIALS OFF SITE SHALL BE INCLUDED IN THE UNIT PRICE FOR THE ASSOCIATED EARTHWORK ITEM.
- 4. IN ADDITION TO NUCLEAR DENSITY TESTING OF EMBANKMENTS AND SUBGRADES, THE FINAL GRADE SHALL BE PROOF ROLLED USING A FULLY LOADED SEMI TRUCK. THE PROOF-ROLL SHOULD DEMONSTRATE A MAXIMUM ONE-QUARTER (1/4) INCH DEFLECTION AT TOP OF SUBGRADE LEVEL. THE NUMBER OF PROOF ROLLS SHALL AS REQUIRED BY THE ENGINEER AND THEY SHALL BE CONSIDERED INCIDENTAL TO THE ITEM AGGREGATE SUBGRADE 12".
- 5. ONCE THE SUBGRADE HAS BEEN PREPARED, FINAL DETERMINATION OF THE NEED FOR UNDERCUT/PGE SHALL BE BASED ON FIELD OBSERVATION AND PROOF ROLLS. THE FINAL DETERMINATION SHALL BE BY THE ENGINEER. PAYMENT WILL BE MADE FOR THE ACTUAL AREAS WHERE UNDERCUT AND PGES IS PLACED. THERE WILL BE NO ADJUSTMENT TO THE UNIT PRICE OF THE ASSOCIATED ITEMS IF THE QUANTITIES ARE LESS THAN ANTICIPATED.
- 6. IN DEVELOPING THE EARTHWORK QUANTITIES FOR WOOD STREET AND PIERCE STREET, A NOMINAL QUANTITY FOR UNDERCUT/PGES REPLACEMENT HAS BEEN INCLUDED IN THE CONTRACT, UNDERCUT SHALL BE PAID FOR AS PAY ITEM #20201200 "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL", PGES REPLACEMENT SHALL BE PAID FOR AS PAY ITEM #20700420 "POROUS GRANULAR EMBANKMENT, SUBGRADE".
- 7. THE DEPTH OF TOPSOIL REMOVAL HAS BEEN QUANTIFIED AS PAY ITEM #20201200 "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" WITH AN ASSUMED DEPTH OF 6 INCHES.
- 8. EXISTING PAVEMENT DEPTH IS AN ASSUMED DEPTH BASED ON PAVEMENT CORES AND IS SHOWN IN THE CROSS SECTIONS. PAVEMENT REMOVAL SHALL BE PAID FOR AS ITEM NO. 44000100 "PAVEMENT REMOVAL" AND NO PAYMENT IS ACCOUNTED FOR THIS AREA IN THE EARTH EXCAVATION. EARTH EXCAVATION IS ONLY ACCOUNTED FOR DEPTHS BELOW THE EXISTING PAVEMENT STRUCTURE FROM THE CROSS SECTIONS AND THAT WHICH IS OUTSIDE OF THE PAVEMENT. TOPSOIL REMOVAL HAS BEEN QUANTIFIED AS ITEM *20201200 "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" TO THE IE IN POINT OF THE IMPROVEMENTS AS SHOWN IN THE CROSS SECTIONS. ADDITIONAL REMOVAL SHALL BE AT THE CONTRACTOR'S EXPENSE.



WOOD STREET TYPICAL CROSS SECTION

